

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently amended) A cable modem tuner comprising an upstream circuit for transmitting a data signal to a CATV (cable television) station, wherein

said upstream circuit includes

a gain controllable gain control circuit receiving said data signal,

at least one power amplifying circuit power-amplifying the data signal having been gain controlled by said gain control circuit, and

a control circuit transmitting a control signal to said at least one power amplifying circuit for controlling transmission/interruption of said data signal.

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (currently amended) A cable modem tuner including an upstream circuit for transmitting a data signal to a CATV (Cable Television) station and a receiving unit for receiving a down signal from said CATV station, comprising:

a duplexer for branching the data signal to said CATV station and the down signal from said CATV station; and

a return pass circuit outputting said data signal to said duplexer; and

said a-receiving unit receiving the down signal branched by said duplexer, wherein

said receiving unit includes

an up converter for converting said down signal to a first intermediate frequency signal of higher frequency,

a SAW filter for selecting the first intermediate frequency signal output from said up converter, and

a down converter converting the first intermediate frequency signal selected by said SAW filter to a second intermediate frequency signal of lower frequency for output, and

said SAW filter is formed of an oscillation circuit including a print coil or an air core coil-, and

said upstream circuit includes

a gain controllable gain control circuit receiving said data signal,

at least one power amplifying circuit power amplifying the data signal having been gain controlled by said control circuit,
and

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October 26, 2004
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a control circuit transmitting a control signal to said at
least one power amplifying circuit for controlling
transmission/interruption of said data signal.